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BIRMINGHAM, 15.

8/11/48

Dear Dr. Lederberg,

Thank you for the reprints which arrived on Saturday.

In view of your interest in the subject of the bacterial nucleus, I have rattled up a small reproduction of the sexual? process which leads to the formation of the resting nucleus in Bacteriaceae. This work is in the press

0 0 0 0 0 0 0 0 0
a b c d e f g h i j

with the Proceedings of the Royal Society, and I do

not know when it will be published, so
will you please regard it as, at least
mildly, confidential. a, b, c :- show the
division of a central rod which is probably
composed of elementary chromosomes is
a different arrangement from the (n) complexes.
d, e, f :- show a sexual or autogamous fusion.
g, h, i :- the formation of the resting stage - j.

The resting nucleus germinates into the
semi-permanently-mitotic, chromosome complex
stage. The elementary chromosomes are
pretty small (if that's what they are) and
not easy to photograph. They look some-
thing like : — microdots, and then line up as
a rod : — microtubules. Once more, I
don't say any of this is true, but I
don't see why it might not be! Tell me
what you think — Sincerely,

K. A. Bisset